T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
118059 —			
236 118 —			
383692 —			
59029 —			
5903 —			
45337 —			
8000 —			
856138 Fw			

Bill No. 1st and final

M. A. R. 57 (Rule 116)
Measurement Book

No. B

256068

Serial No. BR-365/30-9-14

Name of Work Improvements to Roads and drains at Ambedkar colony RHS in ward No. ⑥ From ..... To .....

Name of Contractor of nature of Agency KRIDL

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No: 006-14-000080						
	Work order No: 426/13-14/21.02.2014						
	EM Amt: 50.00 lakhs						
	Date of Recording: 7.9.2014						
	1) Earth work excavation for foundation of buildings culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil not exceeding 1.5m in depth including shoring to bottom and sides of pit complete						
	RCC drain	1	30.00	1.00	1.00	30.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	10.00	1.00	1.00	10.00	
	Culverts	1	5.80	2.00	1.20	13.92	
		2	5.80	2.00	1.20	28.32	
		2	5.60	2.00	1.20	26.88	
		1	5.80	2.00	1.20	13.92	
		1	5.70	2.00	1.20	13.68	
		1	5.50	2.00	1.20	13.20	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2) providing and laying in p...
	@ 180 ... using homm and d...
	and fine aggregates @ 0.58cu...
	Recovery

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	1·00	30·00	
	1·00	30·00	
	1·00	30·00	
	1·00	30·00	
	1·00	30·00	
	1·00	30·00	
	1·00	30·00	
	1·00	30·00	
	1·00	30·00	
	1·00	30·00	
	1·00	10·00	
	1·20	13·92	
	1·20	28·32	
	1·20	26·88	
	1·20	14·16	
	1·20	13·68	
	1·20	13·20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 256069

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						440·80 cum	
					@	227·80/cum	100450·00
	2) providing and laying in position plain cement concrete 1:2:4 mix M.T.S with OPC cement @ 180kgs using hommn and down size cracked granite metal course aggregates @ 0·85cum and fine aggregates @ 0·58cum machine mix complete as per specification.						
	Rearrain	1	30·00	1·00	0·15	4·50	
		1	30·00	1·00	0·15	4·50	
		1	30·00	1·00	0·15	4·50	
		1	30·00	1·00	0·15	4·50	
		1	30·00	1·00	0·15	4·50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	10.00	1.00	0.15	1.50	
	culverts	1	5.80	2.00	0.15	1.74	
		2	5.80	2.00	0.15	3.54	
		2	5.60	2.00	0.15	3.36	
		1	5.80	2.00	0.15	1.77	
		1	5.70	2.00	0.15	1.71	
		1	5.50	2.00	0.15	1.65	
						63.60 cum	
					@	4280.84/cum	272887=00

7/9/14

Serial No. .....

Name of Work ..... P

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	Measurement	
3)	providing and construction o	
	with cement mortar 1:6 edges &	
	as complete as per specification	
		2
		2

epth 6	Contents 7	Reference to last Measurement 8
5	4.50	
5	4.50	
15	4.50	
15	4.50	
15	4.50	
15	4.50	
15	1.50	
15	1.74	
15	3.54	
5	3.36	
5	1.77	
5	1.71	
5	1.65	
	63.60 cum	
e	4280.84/cum	272887=00

7/9/14

M. A. R. 57 (Rule 116)
Measurement Book

No. B

256070

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Measurement continued on: 19.9.2014						
	3) providing and construction granite / trap / balalt rije stone masonry in superstructure with cement mortar 1:6 edges of stones chisstle dressed in course not exceeding 0.15m complete as per specification.						
		2	5.80	0.60	0.90	6.26	
		2×2	5.90	0.60	0.90	12.74	
		2×2	5.60	0.60	0.90	12.10	
		2	5.90	0.60	0.90	6.37	
		2	5.70	0.60	0.90	6.16	
		2	5.50	0.60	0.90	5.94	

Contents	Reference to last Measurement
7	8
45.36 cum	
4423.68/cum	200658=00
with cement mortar 1:3	
ining including cost &	
10.44	
21.24	
20.16	
10.62	
10.26	
9.80	
75.60 cum	
77.26/cum	5879=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

256071

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	providing and laying in position plain cement concrete of mix M15 with cement @ 240 kgs with 20 mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.458 cum machine mix complete as per specification.						
		1	5.80	1.80	0.10	1.04	
		2	5.80	1.80	0.10	2.14	
		2	5.60	1.80	0.10	2.02	
		1	5.90	1.80	0.10	1.06	
		1	5.70	1.80	0.10	1.03	
		1	5.70	1.80	0.10	0.99	
						5.04 cum	
					@	4680.50/cum	23640=00

Cft
Mortar

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		As per premeasurement Recorded vide page No: 256097 to 98 of this MB in 95.96 Rft @ 7450.92/Rft				715013.00	
9)	providing and fixing Precast RCC slass as per approved design, specification and direction of engineer in charge of work.						
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	CPC Mony
10)	Scarifying existing ste surface picking up scarif as per specification.

ntents	Reference to last Measurement
7	8
eal	
·96 Rft	
0.92/Rft 715013=00	
nign, specification	
00	
0	
0	
00	
0	
0	
0	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

256075

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30·00	0·90	-	27·00	
		1	30·00	0·90	-	27·00	
		1	30·00	0·90	-	27·00	
		1	30·00	0·90	-	27·00	
		1	13·00	0·90	-	11·70	
						307.80 Rm	
						@ 1480.00/Rm	458622=00
	10) Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface picking up scarified material and stacking of old serviceable material as complete as per specification.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(5.3 + 6.2)	-	172.50	
		1	30.00	(6.2 + 5.1)	-	168.50	
		1	30.00	(5.1 + 4.5)	-	144.00	
		1	30.00	(4.5 + 4.7)	-	138.00	
		1	30.00	(4.7 + 4.5)	-	138.00	
		1	30.00	4.50	-	135.00	
		1	30.00	(4.5 + 5.1)	-	144.00	
		1	30.00	(5.1 + 4.7)	-	147.00	
		1	30.00	(4.7 + 4.8)	-	144.00	
		1	30.00	(4.8 + 4.4)	-	136.50	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2

CBE
27/9/20

OK

Depth 6	Contents 7	Reference to last Measurement 8
-	172.50	
-	168.50	
-	144.00	
-	138.00	
-	138.00	
-	135.00	
-	144.00	
-	147.00	
-	144.00	
-	136.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256076

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	(4.4+5.0)	-	141.00	
		1	30.00	(5.0+4.8)	-	148.50	
		1	30.00	(4.8+4.8)	-	145.50	
		1	30.00	(4.8+5.0)	-	147.00	
		1	30.00	(5.0+4.4)	-	141.00	
		1	10.00	(4.4+4.7)	-	45.50	
		1	25.00	(5.0+5.3)	-	128.75	
						2350.00 Rm	(2105 = 00

Cash
27/9/2014.

APC
Mohan

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement continued on: 28.9.14						
11)	Providing laying spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant etc complete as per specification						
		1	30.00	(5.3+6.2)/2	0.20	34.50	
		1	30.00	(6.2+5.1)/2	0.20	33.90	
		1	30.00	(5.1+4.5)/2	0.20	28.80	
		1	30.00	(4.5+4.7)/2	0.20	27.60	
		1	30.00	(4.7+4.5)/2	0.20	27.60	
		1	30.00	4.50	0.20	27.00	
		1	30.00	(4.5+5.1)/2	0.20	28.80	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	24·9+14	
ing cracked slope appropriate to		
preserving the material		
r else complete as per specification		
0·20	34·50	
0·20	33·90	
0·20	28·80	
0·20	27·60	
0·20	27·60	
0·20	27·00	
0·20	28·80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

256077

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30·00	(5·1+4·7)	0·20	29·40	
		1	30·00	(4·7+4·9)	0·20	28·80	
		1	30·00	(4·9+4·6)	0·20	27·30	
		1	30·00	(4·6+5·0)	0·20	28·20	
		1	30·00	(5·0+4·9)	0·20	29·70	
		1	30·00	(4·9+4·8)	0·20	29·10	
		1	30·00	(4·8+5·0)	0·20	29·40	
		1	30·00	(5·0+4·6)	0·20	28·20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	10.00	(w4+4)	0.20	9.60	
		1	25.00	(5.0+5.3)	0.20	25.75	
						470.00 cum	
					@	1121.04/cum	526889.00
	Measurement continued on: 29-9-2014						
12)	cleaning the existing WBM road surface including removing & binding material and other foreign matter with wire brushes and small picks sweeping with brooms etc complete as per specification.						
	Qty vide Item No: (10)					2350.00 sqm	
					@	10.53/sqm	24746.00

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Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
13)	providing and applyin high porosity over prep etc complete as per s
14)	providing and laying TPH batch type HMP complete as per spec

OK

Depth 6	Contents 7	Reference to last Measurement 8
0·20	9.60	
0·20	25.75	
	470·00 sq m	
@	1121·04/sq m	526889·00
	ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ	
201/4		
luding removing & binding		
hes and small areas sweeping		
⑩	2350·00 sq m	
@	10·53/sq m	24746·00

M. A. R. 57 (Rule 116)
Measurement Book

No. B
256078

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
13)	providing and applying primer coat from 12.2 to 14.6 kg per 10 sq m for surfaces of high porosity over prepared surface of granular base with cut back MC-70 or any as complete as per specification.						
	Qty vide item No	⑩				2350·00 sq m	
	@					142.07/sq m	333885·00
14)	Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using as complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(5.3+6.2)/2	0.025	4.31	
		1	30.00	(6.2+5.1)/2	0.025	4.24	
		1	30.00	(5.1+4.5)/2	0.025	3.60	
		1	30.00	(4.5+4.7)/2	0.025	3.45	
		1	30.00	(4.7+4.5)/2	0.025	3.45	
		1	30.00	4.50	0.025	3.38	
		1	30.00	(4.5+5.1)/2	0.025	3.60	
		1	30.00	(5.1+4.7)/2	0.025	3.68	
		1	30.00	(4.7+4.8)/2	0.025	3.60	
		1	30.00	(4.8+4.4)/2	0.025	3.41	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.025	4.31	
0.025	4.24	
0.025	3.60	
0.025	3.45	
0.025	3.45	
0.025	3.38	
0.025	3.60	
0.025	3.68	
0.025	3.60	
0.025	3.41	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

256079

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	(4.4+5.0)	0.025	3.53	
		1	30.00	(5.0+4.9)	0.025	3.71	
		1	30.00	(4.9+4.8)	0.025	3.64	
		1	30.00	(4.8+5.0)	0.025	3.68	
		1	30.00	(5.0+4.4)	0.025	3.53	
		1	10.00	(4.4+4.7)	0.025	1.14	
		1	25.00	(5.0+5.3)	0.025	3.22	
						58.75 cum	58640=00

C & FC
29/9/2014.

@ 9981.36/cum

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15)	Lead for disposal of debris shall be payable as per carriage rates by mechanical means including loading and unloading etc complete						
		Qty vide Item No: ①				440.80 cu.m	
					@	72.71/cu.m	32051=00
							44 60760=00
		Add KRIDL charges @				11%	490684=00
		TPI charges @				1%	44608=00
							4976052=00
							4976418=00

Certificate:-

Certified that the work done is satisfactory.

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9/14

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Sketch

MEASUREMENT BOOK

Date	tion, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 3418 =00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ. 742383 =00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ. 4209035 =00 ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಲೆಕ್ಕಾಧೀಕ್ಷಕರು	1 I ಕಿ K15 ಕಿ ಟಿಜ ಟಿಜ Roy ಸಿಂ	90028 198057 321842 44574 4757 59643 9348 742383 =00				

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2